



# PRODUCT DATA SHEET

## FOIL ADHESIVE

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### ATP-190

### Foil Adhesive

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Overview:

ATP-190 Foil Adhesive is a plastisol ink that is used to adhere foil to garments.

Printing:

Print through an 80-110 TPI (30-43 TPcm) mesh tightened to a minimum of 25 newtons. A 60/90/60 or 70 durometer squeegee is recommended. 1-2 strokes may be necessary for the best deposit. For foil application, cure garment as normal. Set your heat press to 375°F (190°C) and press for 10-20 seconds at moderate pressure. Check your foil manufacturer's specs for more detailed info on the specific heat your foil can withstand. Some foil on the market will adhere to the ATP-190 faster than others. Always test your shops parameters before beginning production runs.

If printing a multicolor design with a foil accent, QCM recommends printing our WBX discharge or standard waterbase inks instead of plastisol. Print your waterbase/discharge inks as normal (following recommendations found in the WBX datasheets) then print the ATP-190 last. Cure as normal for waterbase inks and apply foil following the directions above.

Stencil:

Use any direct emulsion or capillary film.

Curing:

Cure at 325°F (162°C) over a 60-90 second period, depending on oven type and thickness of ink deposit. A thicker deposit will take longer to cure as the heat must penetrate through the entire ink layer.

Cleanup:

Use any of the commercially available products for the cleanup of plastisol inks.

Environmentally Friendly:

QCM Plastisol Ink contains no leaded pigments and, when properly disposed of, has no environmental impact. Use a screen wash for plastisols for cleanup. Scrape screens carefully and store ink for reuse. Minimize unusable scrap ink by segregating ink by color. QCM PPR-901 Black pigment can be used to convert old ink into black ink for waste elimination.